

Amendment to the Abstract

Please Amend the Abstract as follows:

A method for implementing a virtual leased line (VLL) is provided.  
The method includes the steps of: configuring a virtual local area  
network (VLAN) label stack on the basis of VLAN QinQ technique;  
configuring a VLAN QinQ switching device and a multi-protocol  
label switching device to communicate with each other; extending a  
label distribution protocol (LDP) to support encapsulation of VLAN  
labels, so as to carry out VLAN label assignment and take the  
extended LDP as a topology discovery protocol for an L2 virtual  
private network; setting the range of VLAN labels; implementing a  
VLL by constructing a VLAN switching path. The present invention  
discloses a method for implementing the Virtual Leased Line. It  
can utilize fully the prior equipments, implement the automatic  
configuration and ensure the demands of the aspects of traffic  
engineering etc. When the encapsulation is simple and the cost is  
lower. The method for implementing the Virtual Leased Line  
comprises the steps: A) configuring the label stack of the VLAN  
based on the VLAN QinQ; B) setting the intercommunication between  
the VLAN QinQ switching equipment and the multi protocol label  
switching equipment; C) expanding the label distribution protocol  
to encapsulate the VLAN label in order to distribute the VLAN  
label and make the expanded the label distribute protocol as the  
topological discovery protocol of the L2 VPN; D) setting the range  
of the VLAN label; E) implementing the Virtual Leased Line by  
constructing the switched path of VLAN, based on the the steps A,  
B, C and D.